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(21) International Application Number: PCT/US00/10512 (22) International Filing Date: 19 April 2000 (19.04.00) (30) Priority Data: 60/130,087 20 April 1999 (20.04.99) US (71) Applicant (for all designated States except US): UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US). (71)(72) Applicants and Inventors: MAYER, Walter, Paul [US/US]; 6 Shcoolhouse Lane, Lebanon, NJ 08833 (US). BURNS, Richard, Jude [US/US]; 319 De Maria Drive, Easton, PA 18040 (US). FISCO, Matthew, Christopher [US/US]; 9 Summit Road #26, Middlesex County, South River, NJ 08882 (US). HARVEY, James, Richard [US/US]; 53 Stella Drive, Somerset County, Bridgewater, NJ 08807 (US). CLARK, Elke, Monika, Antje [US/US]; 12 Country Club Drive, Hunterdon County, Ringoes, NJ 08551 (US). (74) Agent: PACCIONE, Stanley, J.; Union Carbide Chemicals & Plastics Technology Corporation, 39-Old Ridgebury Road, Danbury, CT 06817-0001 (US).		(81) Designated States: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, ID, IL, IN, IS, JP, KR, KZ, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, TT, UA, US, UZ, VN, ZA, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: PIGMENTED COMPOSITIONS		
(57) Abstract <p>This invention relates to pigment compositions, e.g., pigmented ink and coating compositions, which comprise pigment particles and a polymer. The polymer can be obtained, for example, by the copolymerization of monomers including: (1) a vinyl halide, e.g., vinyl chloride; (2) a vinyl ester, e.g., vinyl acetate; and (3) a monomer having a sulfuric acid group or a derivative thereof, e.g., an acrylate or methacrylate moiety having a sulfonic acid group or a metal or amine salt thereof. The polymer can impart enhanced dispersion property characteristics to the compositions while also having desirable adhesion and rheological characteristics and thermal stability.</p>		